

APPENDIX 1 - Pending Claims

Sub B1
1. (Amended) An aqueous agrochemical concentrate formulation comprising

- a) an agrochemical electrolyte,
- b) a water-insoluble agrochemical system,
- c) an alkylglycoside, and
- d) a co-surfactant which interacts with the alkylglycoside to form a structured aqueous system.

2. (Amended) The formulation according to claim 1, wherein the co-surfactant (d) is

- i) a linear or branched chain aliphatic or aromatic alcohol,
- ii) an alcohol alkoxylate or ester alkoxylate or alkyl phenol alkoxylate,
- iii) a glyceryl alkyl or alkenyl ester, or
- iv) a sorbitan alkyl or alkenyl ester.

3. (Amended) The formulation according to claim 2 wherein:

the linear or branched chain alcohol (i) is a primary or secondary, linear or branched alkyl or alkenyl alcohol containing from 5 to 20 carbon atoms or is an alkyl- or alkenyl-substituted aromatic alcohol containing from 5 to 20 linear or branched alkyl carbon atoms; or

wherein the alcohol or ester or alkyl phenol alkoxylate (ii) is an alkoxylated C₈-C₂₂ primary or secondary, linear or branched chain alcohol, an alkoxylated C₈-C₂₂ alkyl phenol or an alkoxylated C₈-C₂₂ carboxylic acid each containing from 1-3 C₂-C₄ alkoxy groups; or

wherein the glyceryl alkyl or alkenyl ester (iii) is a monoester of a C₈-C₂₂ carboxylic acid with glycerol; or

wherein the sorbitan alkyl or alkenyl ester (iv) is a sorbitan ester having from 8 to 22 carbon atoms in the ester group.

4. (Amended) The formulation according to claim 3, wherein the co-surfactant is pentanol, hexanol, octanol, octan-2-ol, decanol and their branched chain or mixture of branched chain equivalents, oleyl alcohol, 2-ethyl-1-hexanol, an ethoxylated lauryl alcohol having a mean

ethylene oxide content of 2, an ethoxylated octyl phenol having a mean degree of ethoxylation of 3, glyceryl monolaurate and sorbitan monolaurate.

5. (Amended) The formulation according to claim 1, wherein the agrochemical electrolyte is selected from salts of glyphosate, fomesafen, ~~glufosinate~~, paraquat and bentazone or is ammonium sulphate.

6. (Amended) The formulation according to claim 1, wherein the water-insoluble agrochemical system comprises an agrochemical active ingredient.

7. (Amended) The formulation according to claim 6, wherein the water-insoluble system is a water-insoluble herbicide.

8. (Amended) The formulation according to claim 7, wherein the water-insoluble herbicide is diuron, linuron, sulfometuron, chlorsulphuron, ~~metsulfuron~~, chlorimuron, atrazine or simazine.

9. (Amended) The formulation according to claim 1, further comprising a cationic, anionic or amphoteric surfactant.

10. (Amended) The formulation according to claim 9, wherein the cationic surfactant comprises at least one linear or branched long chain alkyl or alkenyl or alkyl aryl substituent containing from 8 to 20 alkyl or alkenyl carbon atoms and a mean ethylene oxide content of from 0 to 20 which is an optionally ethoxylated amine, quaternary ammonium salt or amine oxide; or wherein the anionic surfactant comprises at least one long chain alkyl or alkenyl substituent containing from 8 to 20 carbon atoms which is an alkyl sulphate, alkyl carboxylate, alkyl sulphosuccinate, alkyl phosphate or alkylbenzene sulphonate and derivatives thereof.

11. (Amended) The formulation according to claim 1, wherein the water-insoluble agrochemical system is present in a proportion of from 150 parts by weight of agrochemical electrolyte to 1 part by weight of water-insoluble agrochemical system to 1 part by weight of agrochemical electrolyte to 4 parts by weight of water-insoluble agrochemical system.

12. (Amended) The formulation according to claim 1, wherein the proportion of the co-surfactant is from 0.1 parts by weight to 1 part by weight per 1 part by weight of alkylglycoside.

13. (Amended) The formulation according to claim 9, wherein the proportion of cationic, anionic or amphoteric surfactant is from 0 parts by weight to 1 parts by weight cationic, anionic or amphoteric surfactant per 1 part alkylglycoside.

14. (Amended) The formulation according to claim 9, wherein the proportion by weight of the total of the alkylglycoside, the cosurfactant and cationic, anionic or amphoteric surfactant to the agrochemical electrolyte is from 4:1 to 1:10.

15. (Amended) A process for severely damaging or killing unwanted plants comprising applying to the plants a herbicidally effective amount of the formulation according to claim 1, wherein the agrochemical electrolyte is a herbicide.

16. (Amended) A process for the preparation of the formulation according to claim 1 which comprises bringing into admixture an aqueous dispersion of

- a) an agrochemical electrolyte,
- b) a water-insoluble agrochemical system,
- c) an alkylglycoside, and
- e) optionally an ionic surfactant,

and thereafter adding

d) a co-surfactant which interacts with the alkylglycoside to form a structured aqueous system.